



11-13-2001

U.S. Patent & TMOtc/TM Mail Rcpt Dt. #01

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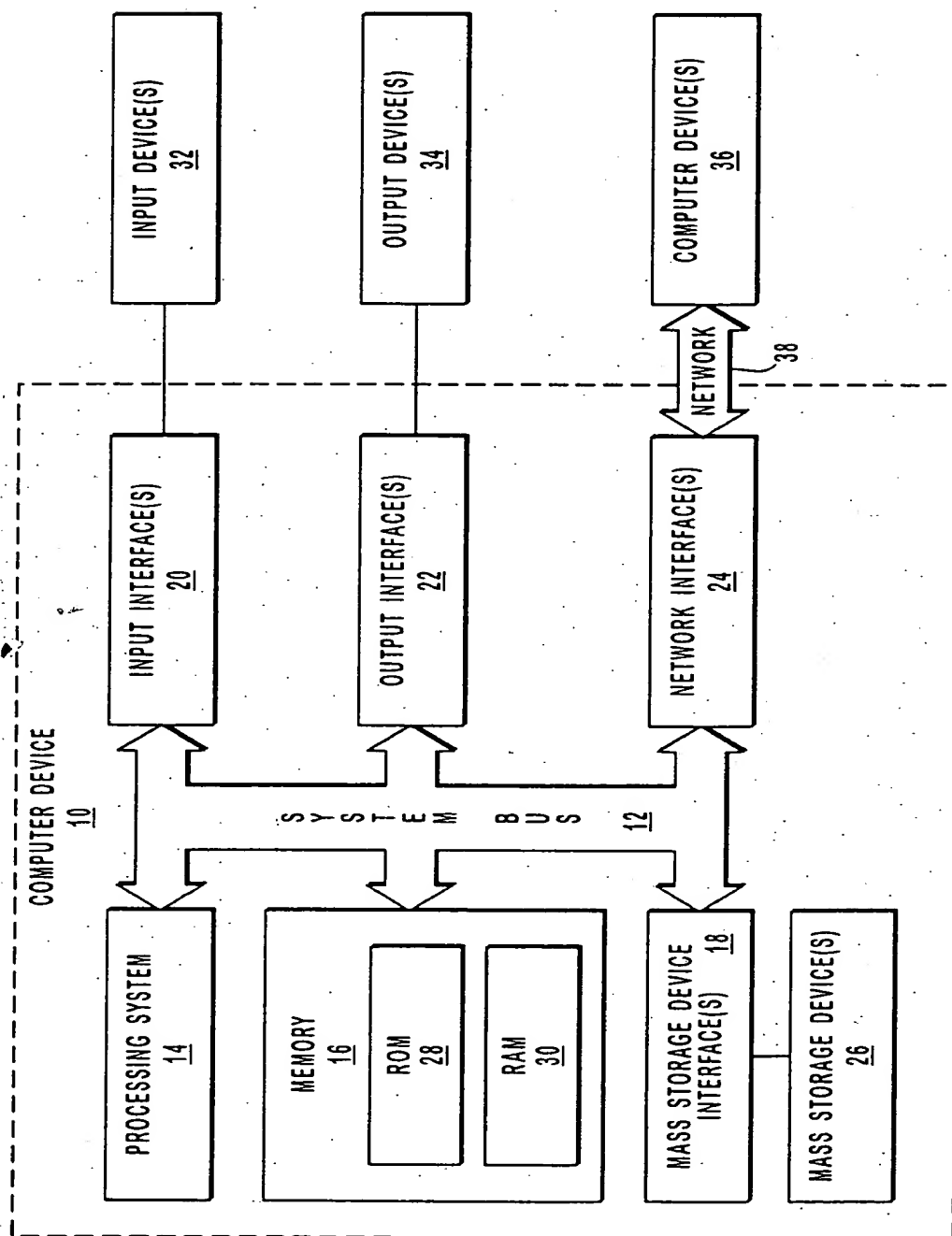


FIG. 1



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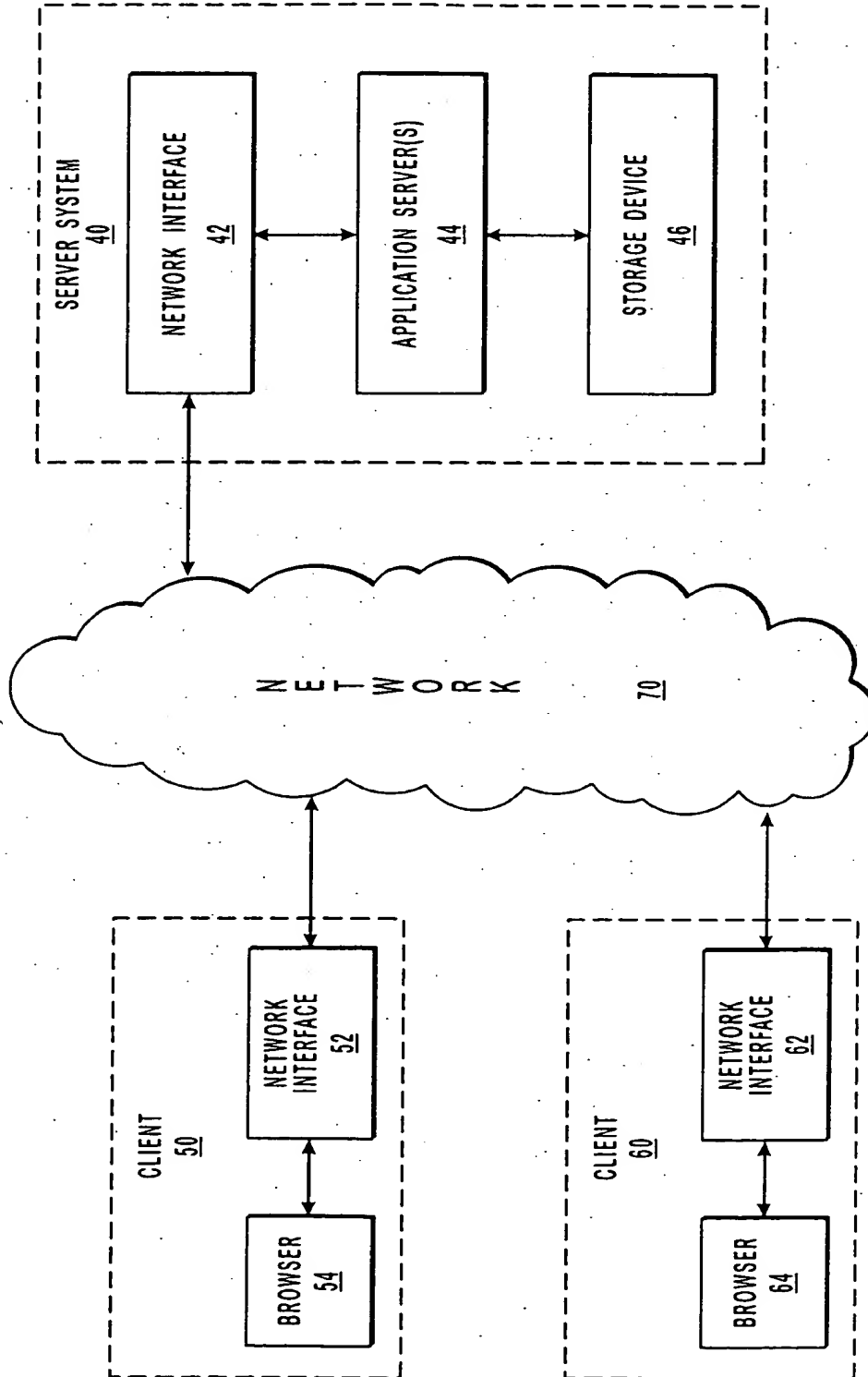


FIG. 2

09881001 E0188660



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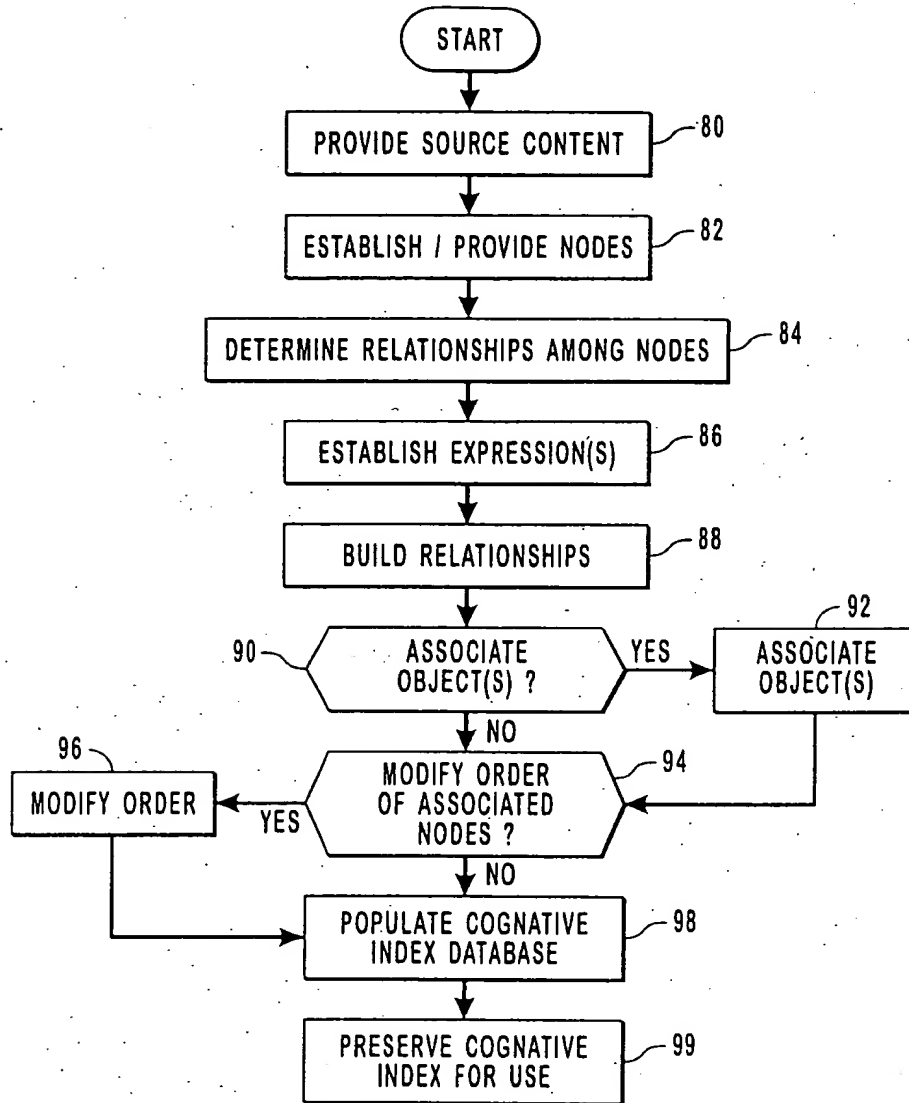


FIG. 3

0988103 1130



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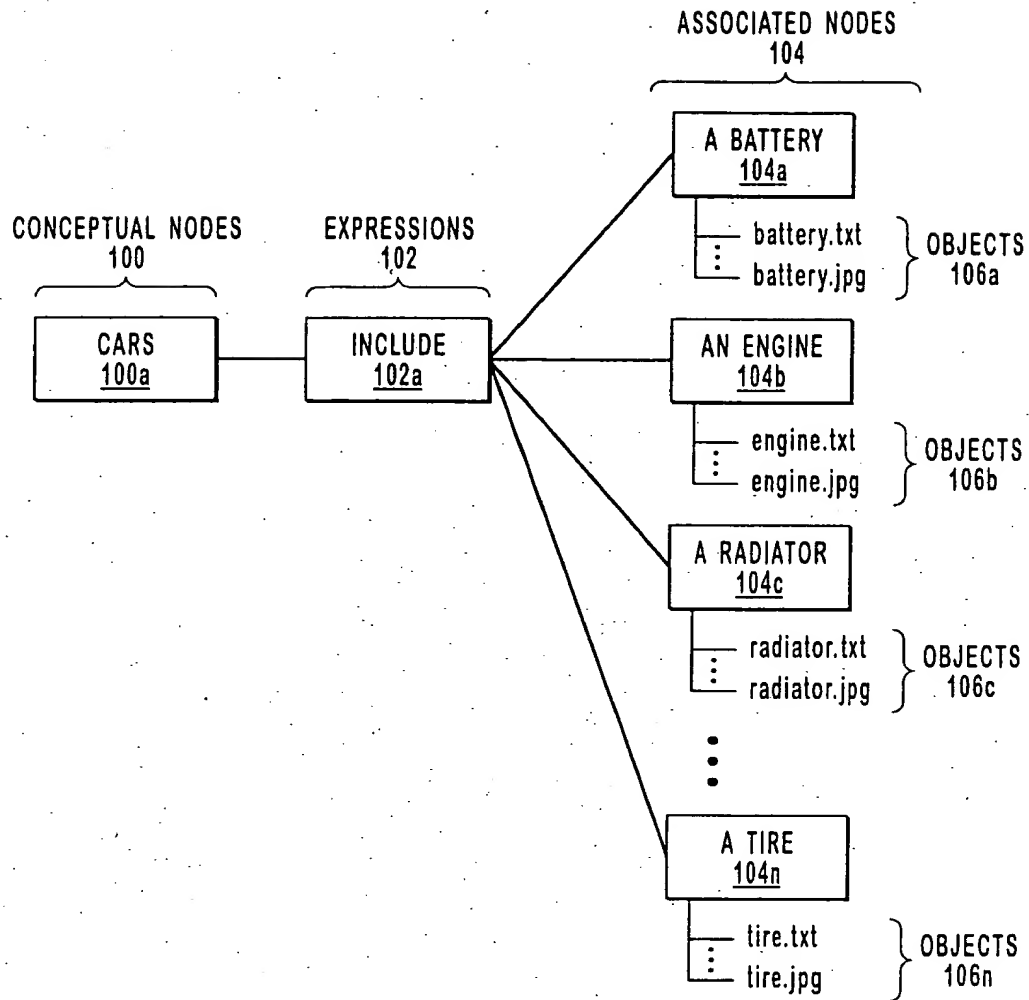


FIG. 4



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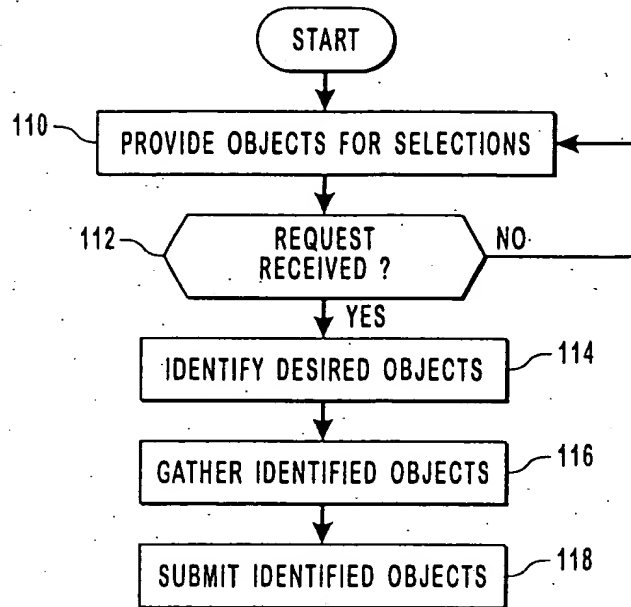


FIG. 5

0988103-11301
"OFFICE" 80788660



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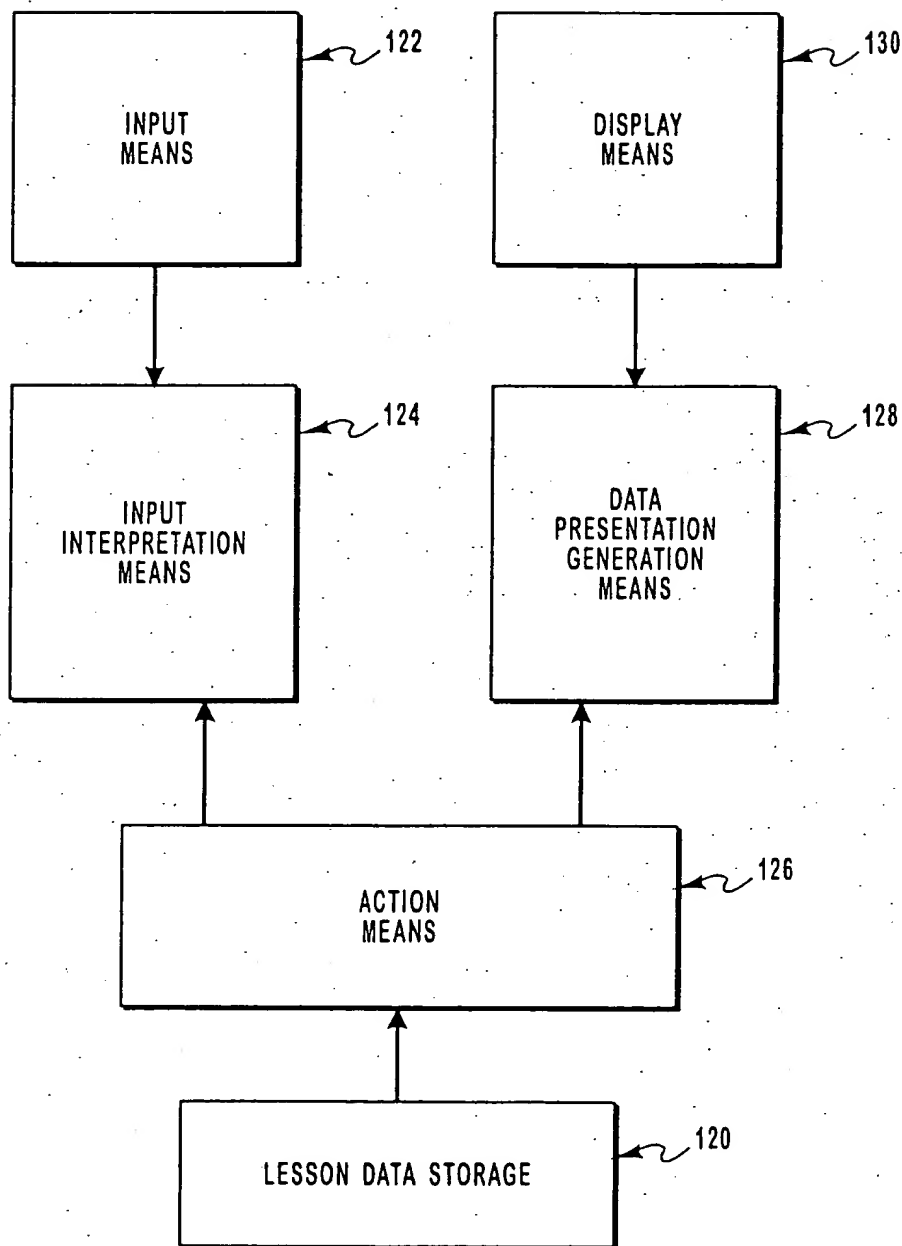


FIG. 6



FIG. 7



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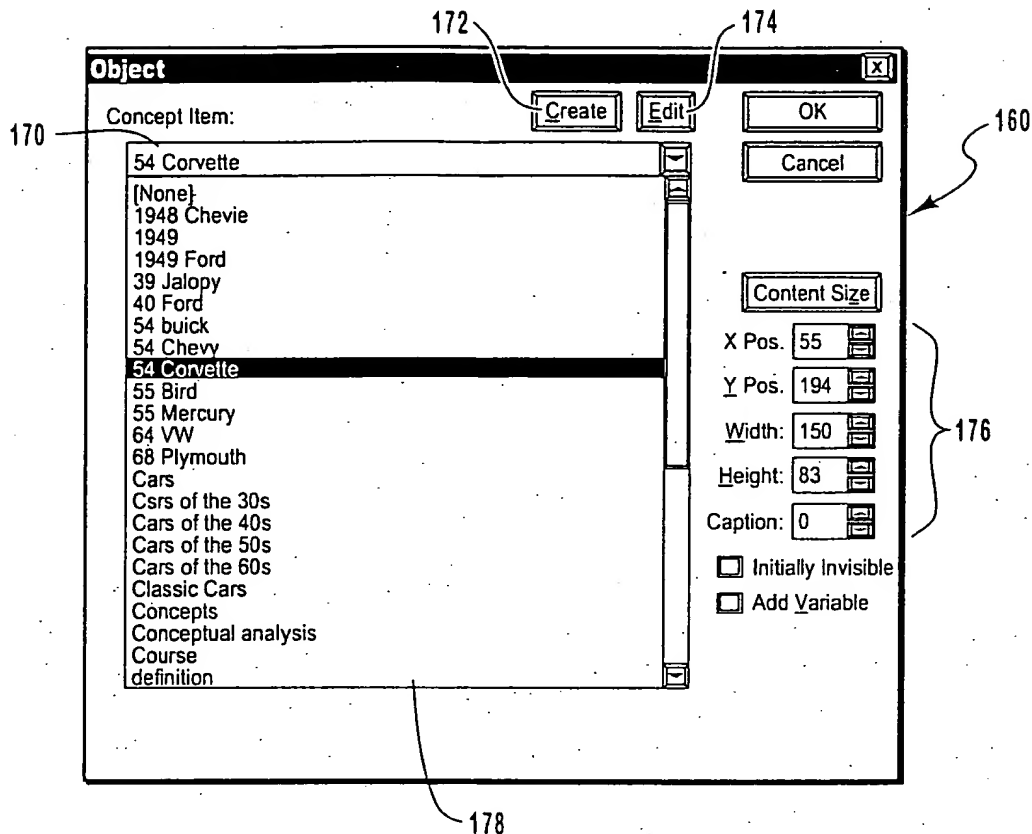


FIG. 8

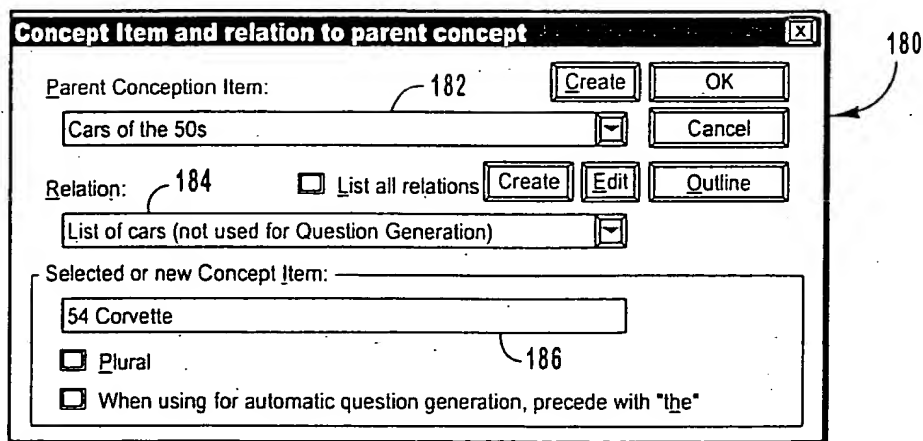
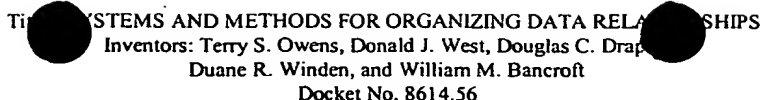


FIG. 9

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Object

Singular object of possessive subject: (used in Nascent Index when there is only one relationship for this relation) 192

Example: parent (relation)

Plural object of possessive subject: (used in Nascent Index when there is a multiple relationships for this relation) 194

Example: list of cars (relations)

Verb phrase for singular subject: 196

Example: has (relates to)

Negated verb phrase for singular subject: 198

Example: is not a child of (does not relate to)

Verb phrase for plural subject: 200

Example: are children of (relate to)

Type: 202

Example: don't use for automatic question generation

Inverse: 204

Example: is in the category of

Create Edit

OK Cancel

FIG. 10

Object

Singular object of possessive subject: (used in Nascent Index when there is only one relationship for this relation) 192

Example In Question Text {relation}

Plural object of possessive subject: (used in Nascent Index when there is a multiple relationships for this relation) 194

Example {relations}

Verb phrase for singular subject: 196

Example {relates to}

Negated verb phrase for singular subject: 198

Example {does not relate to}

Verb phrase for plural subject: 200

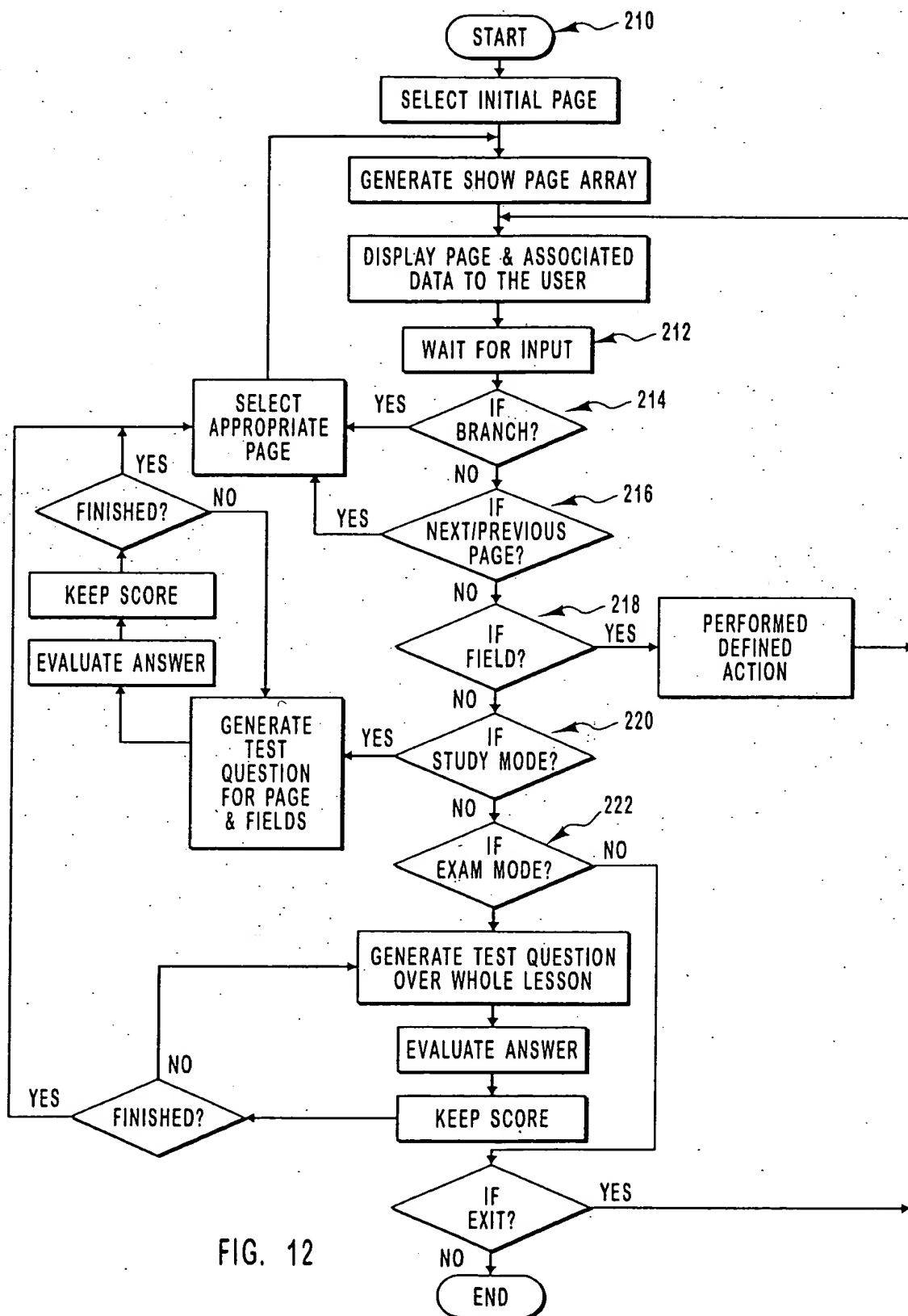
Example {relate to}

Type: 202

Inverse: 204

FIG. 11

090340Z 111301





230

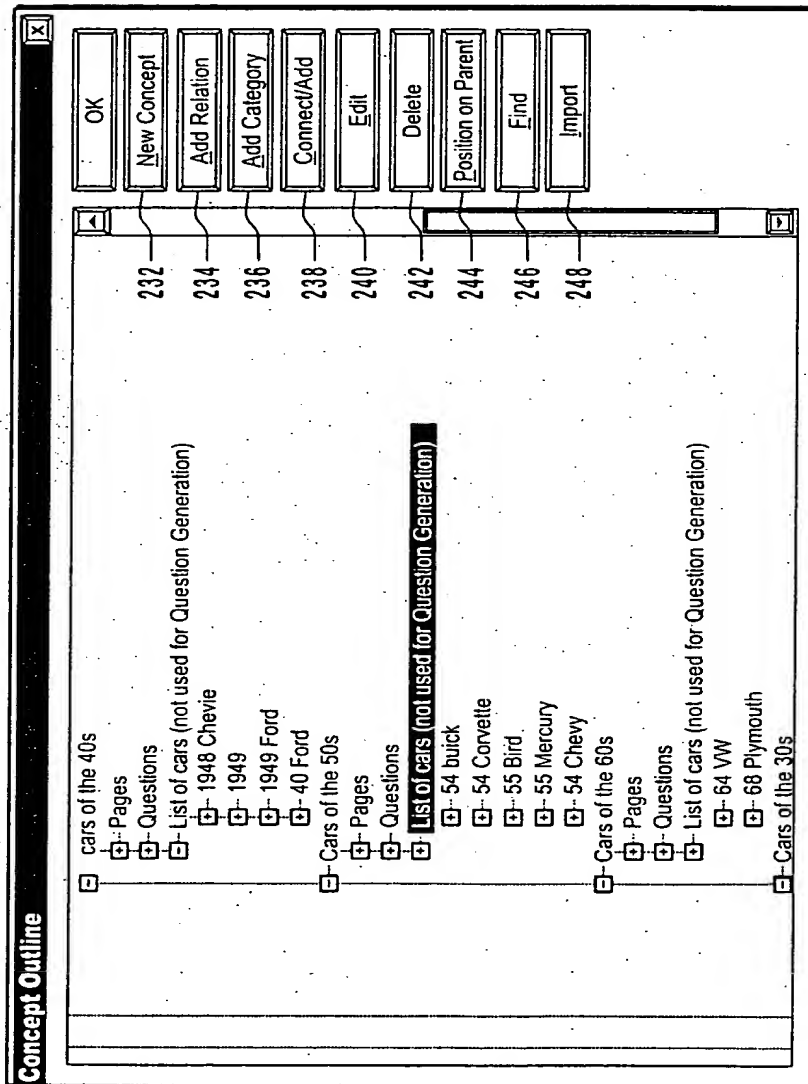
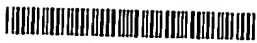


FIG. 13



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Questions

Close

Outline

Run

Generate

Create

Edit

Delete

Cars of the 50s

☐ and Related Concepts

Template: multichoice1

Go to Template

Which one of these is in the category of Cars of the 50s? (Cars of the 50s)

*=question was automatically generated and has not been verified and will not be presented in Tutor, Go to Edit to verify

FIG. 14



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SYSTEMS AND METHODS FOR ORGANIZING DATA RELATIONSHIPS
Inventors: Terry S. Owens, Donald J. West, Douglas C. Draper
Duane R. Winden, and William M. Bancroft
Docket No. 8614.56

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Question

Cars of the 50s

multichoice1

(Use question text)

Medium

Parts:

Outline

OK

Cancel

274

Select Relation

276

Edit Question Text

278

Select Object

280

Edit Object

282

Disconnect

☐ Needs Verification

270

254

252

272

Questions: Multiple choice (with About)

Which one of these is in the category of Cars of the 50s?

About

Answer

54 Corvette

distractor

1949

39 Jalopy

68 Plymouth

FIG. 15



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General Questions

Which one of these {relates to} {concept2}?

{concept1} = subject text from concept
{concept2} = predicate text from related concept

{relation} = singular text for possessive subject
{relations} = plural text for possessive subject
{relates to} = verb phrase for singular subject
{relate to} = verb phrase for plural subject
{does not relate to} = negated verb phrase for singular subject

OK Cancel Create Edit

FIG. 16



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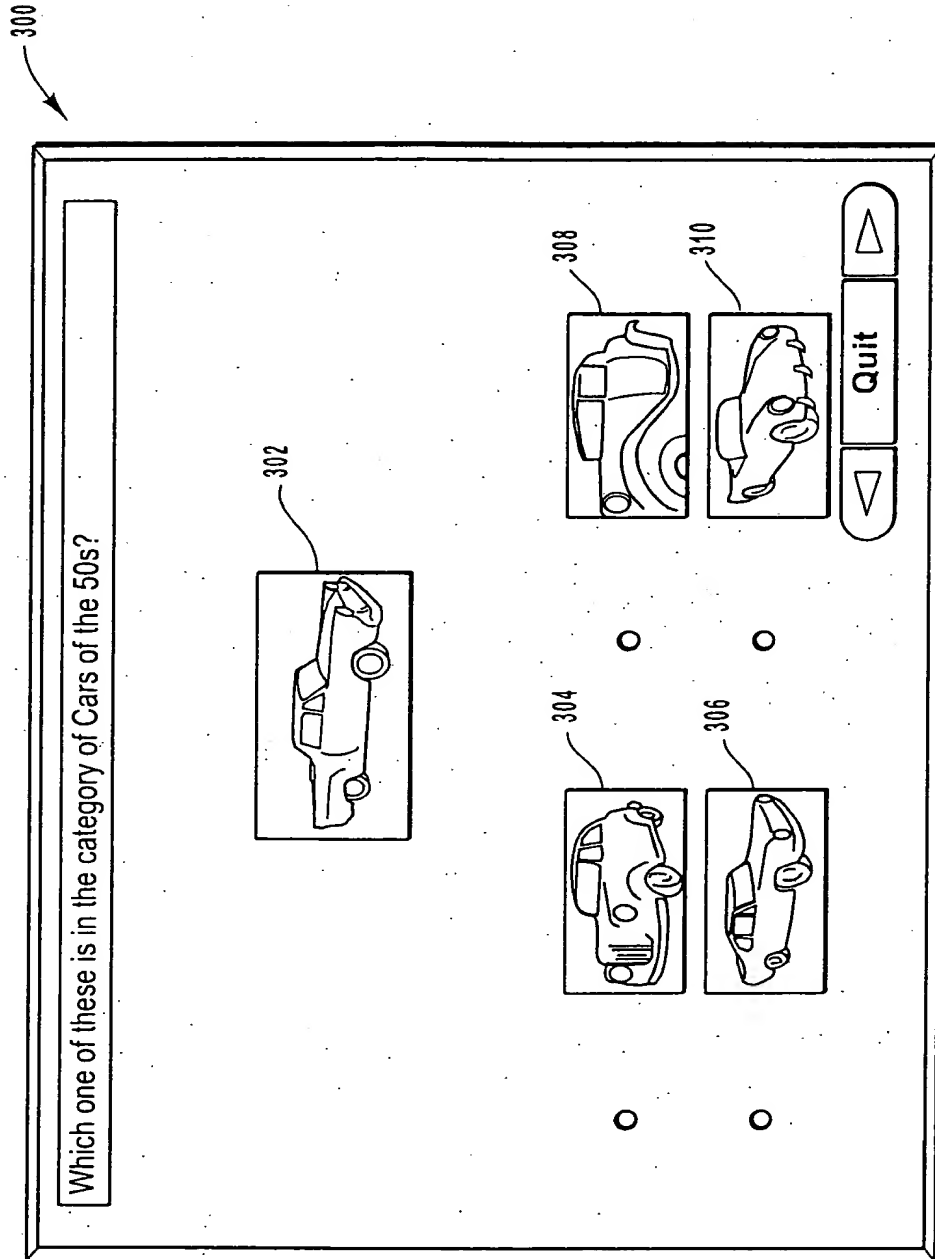


FIG. 17

FIG. 17



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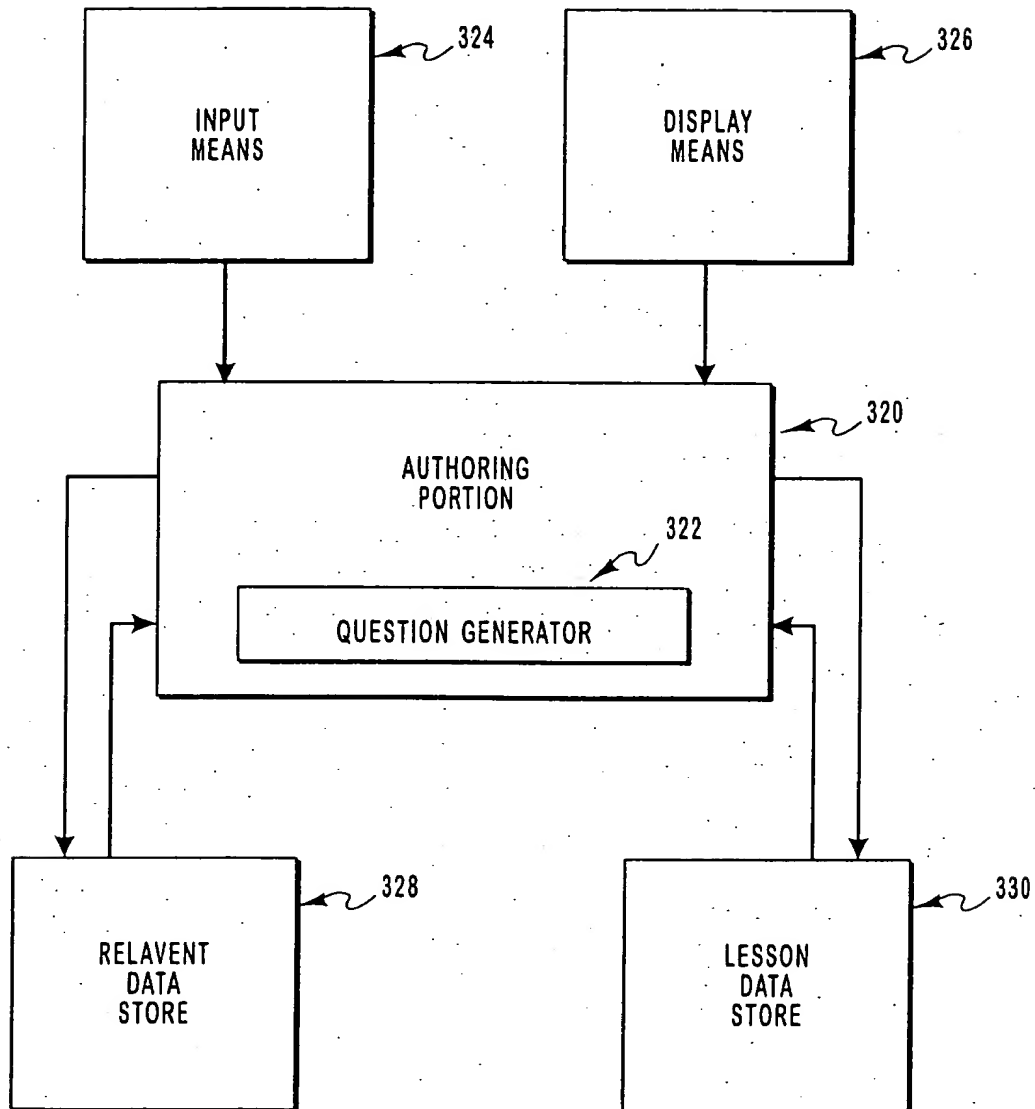


FIG. 18

FIG. 18

FIG. 19



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SYSTEMS AND METHODS FOR ORGANIZING DATA RELATIONSHIPS
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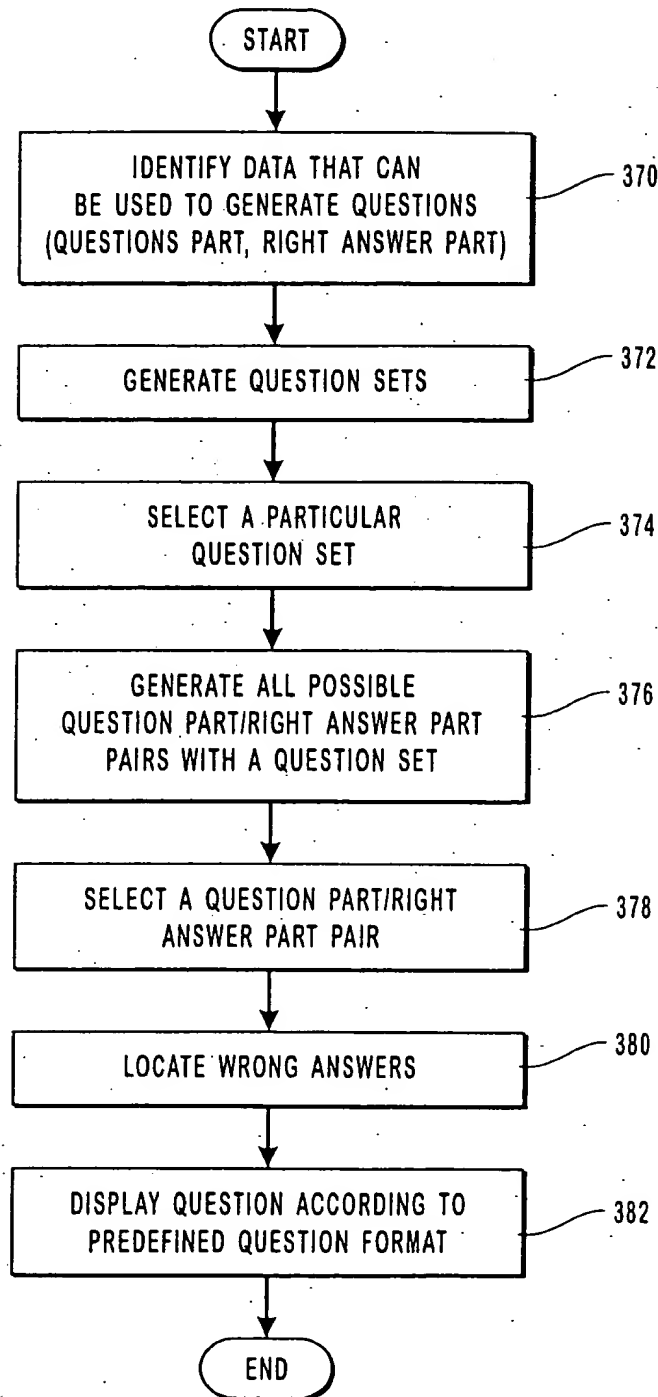


FIG. 20

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